

AMELIA PEREZ

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WORK EXPERIENCE

MS2 CONSULTING GROUP.)

Data Science Intern

Caracas, VE

Sep. 2019 – Mach. 2020

- Developed machine learning models to reduce shrimps pond costs by 15%.
- Preparation of reports and presentation to clients of the models used.
- Increase shrimps' production by 5% using machine learning model results.
- Clean and organize customer-supplied data
- Find the best models for any type of data by performing data analysis.

EDUCATION

SIMON BOLIVAR UNIVERSITY

Bachelor of Mathematics with Major in Computer Science and Statistics

Caracas, VE

Apr. 2021

SKILLS

Technical Skills: Python (NumPy, Pandas, Scikit-learn, TensorFlow, Keras, Matplotlib, Seaborn, XGBoost), SQL, R, Statistical analysis and computing, Machine Learning, Deep Learning, Statistical modeling, Data mining, Data Visualization, Data Wrangling, Mathematics, Programming, Statistics, NLP.

Soft Skills: Teamwork, Communication, Problem Solving, Fast Learner, Time Management.

Languages: English (Intermediate-Advanced level), Spanish (Native).

UNIVERSITY PROJECTS

MACHINE LEARNING METHODS FOR BITCOIN PRICE PREDICTION

Jan. 2018

- Responsibility: Develop and compare different models to find the best fit
- Technologies used: Python (keras, Tensorflow), R, Machine Learning algorithms, Time series algorithms.
- Model accuracy: 75%

VOLUNTEERS

WIDS

Medellin, CO

Wids Ambassador

Feb. 2023 – Present

Selected as the WiDS Medellin Ambassador as part of the Women in Data Science (WiDS) initiative. In this role I am responsible for the ongoing WiDS Medellin regional Event to bring the WiDS Worldwide conference to my community.

The Women in Data Science (WiDS) initiative aims to inspire and educate data scientist worldwide, regardless of gender, and support women in the field. WiDS started as a one-day technical conference at Stanford in November 2015. Today WiDS is a global movement more than 200 events in over 50 countries.

COURSES

- Certified Python programmer, DataCamp 2023
- Certified Python the Practical Guide, Udemy 2023
- Certified Complete Machine Learning Course: Data Science in Python, Udemy 2022
- Certified Data Science with Python, DataCamp 2022